

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S10042WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/CH2004/000044	International filing date (day/month/year) 27/01/2004	(Earliest) Priority Date (day/month/year) 27/01/2003
Applicant RIETER TECHNOLOGIES AG		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 3

☐ as suggested by the applicant.

☒ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

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Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

For the formation of a sound insulating and absorbing cavity(8) within an engine compartment (1) said engine compartment (1) is partitioned by means of a lightweight engine compartment partitioning layer (7). Said partitioning layer (7) can be made of several sections and forms an essentially cohesive surface within the engine compartment (1). In a preferred embodiment of the invention this partitioning layer (7) consists of a carrier layer(12) and a sound absorbent layer (13) and may comprise first and second water and oil repellent layers (14,15). The cavity (8) created by this partitioning layer (7) leads to a substantive increase in transmission loss.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH2004/000044A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02B77/13 B60R13/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02B B60R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 966 799 A (ROHRER PAUL ET AL) 30 October 1990 (1990-10-30)	1-3, 5, 9-11
Y	column 2, line 37 -column 5, line 15; figures 1,3	4,6
X	US 5 567 922 A (SCHMUCK JEAN-CLAUDE ET AL) 22 October 1996 (1996-10-22)	1,2,5-11
Y	column 3, line 39 -column 5, line 37; figures 1,3-5	4,6
X	WO 97/48576 A (KWON HOE HYON ;DAEHAN CHEMICAL IND CO LTD (KR)) 24 December 1997 (1997-12-24)	1,2,5, 7-11
	page 3, line 1 -page 5, line 20; figure 3 -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

27 April 2004

Date of mailing of the international search report

11/05/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/CH2004/000044

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PATENT ABSTRACTS OF JAPAN vol. 004, no. 154 (M-038), 28 October 1980 (1980-10-28) & JP 55 104528 A (ASAHI FIBER GLASS CO LTD), 11 August 1980 (1980-08-11) abstract; figures 1-4 -----</p>	1,2,8-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CH2004/000044

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4966799	A	30-10-1990	CH 671546 A5	15-09-1989
			AT 61283 T	15-03-1991
			BR 8704956 A	17-05-1988
			DE 3768401 D1	11-04-1991
			EP 0262092 A1	30-03-1988
			ES 2021392 T5	16-01-2000
			FI 874206 A	27-03-1988
			JP 2788958 B2	20-08-1998
			JP 63102925 A	07-05-1988
			MX 170771 B	14-09-1993
US 5567922	A	22-10-1996	CH 684398 A5	15-09-1994
			US 5741390 A	21-04-1998
			AT 116606 T	15-01-1995
			DE 59201115 D1	16-02-1995
			EP 0511157 A1	28-10-1992
			ES 2067319 T3	16-03-1995
			JP 3291565 B2	10-06-2002
			JP 6171436 A	21-06-1994
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			WO 9748576 A1	24-12-1997
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